MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

OCTOBER 1954

GIORGIO CONTINO, ACTING DIRECTOR

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WEATHER BUREAU

OCTOBER 1954

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degress Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	58.7	57.7	58.0	58.1	29.1	24.1	26.7	28.7	25.3	26.9
2	58.8	58.3	58.6	58.6	29.2	21.3	25.9	28.9	23.3	26.0
3	59.0	58.3	58.2	58.5	28.8	22.4	24.6	27.8	24.4	25.6
4	59.0	58.7	59.2	59.0	28.8	22.1	25.7	28.2	25.0	26.3
5	60.5	59.6	59.8	60.0	28.7	23.0	25.3	28.3	24.6	26.1
6	58.5	57.2	57.2	57.6	29.2	23.6	25.7	27.9	25.6	26.4
7	58.9	58.8	60.1	59.3	27.2	20.5	25.0	26.7	23.3	25.0
8	61.3	60.5	60.9	60.9	28.0	21.0	24.0	26.7	22.7	24.5
9	60.6	59.0	60.0	59.9	27.0	22.5	23.9	26.8	24.4	25.0
10	61.8	61.7	62.8	62.1	27.5	22.6	25.6	26.9	25.2	25.9
11	63.7	62.8	63.0	63.2	28.4	22.2	25.3	27.9	24.4	25.9
12	63.8	52.5	62.1	62.8	29.0	23.5	25.1	28.5	25.0	26.2
13	63.0	62.2	62.3	62.5	32.4	22.6	27.0	31.9	24.6	27.8
14	63 0	61.8	62 0	62.3	29.0	21.1	25.0	27.3	23.9	25.4
15	62.4	61.4	61.7	61.8	29.0	20.7	24.0	28.5	23.5	25.3
16	62.4	61.6	61.6	61.9	28.4	20.8	23.9	27.8	23.5	25.1
17	61.1	59.9	60.5	60.5	28.2	21.2	24.8	27.4	23.2	25.1
18	61.2	60.6	61.2	61.0	27.4	21.2	23.7	26.8	22.7	24.4
19	62.8	61.7	61.9	62.1	27.8	22.0	23.7	27.6	24.4	25.2
20	62.1	60.8	60.9	61.3	27.8	21.4	24.3	27.2	23.9	25.1
21	60.6	59.8	60.1	60.2	27.4	20.1	23.8	26.3	22.9	24.3
22	59.1	58.8	60.9	59.6	25.4	17.3	25.0	25.0	17.8	22.6
23	60.9	60.6	61.3	60.9	25.5	20.0	23.3	25.3	21.8	23.5
24	62.2	61.3	61.9	61.8	24.7	20.2	22.4	24.4	22.1	23.0
25	61.5	60.3	60.8	60.9	25.3	20.2	22.5	24 9	21.7	23.0
26	59.2	57.0	59.2	58.5	27.6	20.2	24.8	26.6	23.7	25.0
27	60.3	59.6	60.5	60.1	25.8	19.7	23.3	25.6	21.7	23.5
28	59.8	59.3	59.3	59.5	24.7	19.3	22.1	24.3	21.1	22 5
29	58.4	58.0	57.6	58.0	25.3	21.9	21.9	25.1	22.9	23.3
30	57.8	58.5	58.8	58.4	25.2	20.1	23.1	22.8	21.6	22 5
31	58.7	59.1	60.6	59.5	24.8	19.4	22 5	19.8	20.4	20.9
	60.68	59.92	60.42	60.35	27.50	21.23	24.32	26.71	23. 24	24.75

Barometer, range for month 763 8 mm. — 757.0 mm.
„ 71-yr. average for month 761.31 mm.
Thermometer, range for month 32.4°C — 17.3°C
„ 71-yr. average for month 24.51°C
Rain total for month 21.59 mm.
„ 71-yrs average for month 50.02 mm.
„ Total, Sept. 1st. to end of month 21.59
„ 71-yrs. average. Sept. 1st. to end of month 56.21 mm.

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METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	26.0	26.4	24.6	25.7	74	66	79	73	7.9	8.0	
2	21.1	20.1	20.1	20.4	62	51	71	61	9.2	68.0	
3	20.5	21.7	21.7	21.3	66	58	71	65	9.5	106.0	
4	15.3	18.0	19.4	17.6	47	47	61	52	9.7	367.0	
5	16.9	18.0	19.2	18.0	53	45	63	54	9.4	296.0	
6	16.5	19.1	18.9	18.2	51	52	58	54	7.0	306.0	
7	20.0	18.0	17.1	18.4	63	52	60	58	8.0	219.0	
8	15.5	17.4	18.7	17.2	52	50	68	57	8.0	82.0	
9	18.4	20.6	21.7	20.2	62	59	71	64	9.2	538.0	
10	21.5	22.6	22.6	22 2	66	64	72	67	7.3	185.0	
11	21.2	22.4	22.4	22.0	69	61	73	68	7.7	106.0	
12	22.6	25.4	24.6	24.2	72	67	78	72	9.1	320.0	
13	20.2	22.7	25.0	22.6	54	49	81	61	9.6	79.0	
14	23.3	25.6	24.8	24.6	73	72	85	77	9.7	31.0	
15	24.1	24.0	23.3	23.8	82	63	81	75	10.2	164.0	
16	20.9	21.7	21.4	21.3	71	58	74	68	9.2	198.0	
17	19.4	22.1	22.0	21.2	60	62	77	66	9.3	103.0	
18	22.8	22.6	23.1	22.8	76	65	82	74	10.0	35.0	
19	20.3	22.4	22.4	21.7	69	61	73	68	10.2	333.0	
20	18.6	20.2	20.3	19.7	61	55	68	61	10.1	103.0	
21	19.7	17.3	19.3	18.8	66	52	70	63	5.6	43.0	
22	16.3	18.8	19.8	18.3	51	58	97	69	2.7	520.0	16.76
23	16.5	19.4	18.4	18.1	57	62	72	64	6.3	185.0	3.56
24	18.6	19.8	19.8	19.4	70	65	74	70	7.6	60.0	
25	18.7	20.0	17.2	18.6	67	63	66	65	8.8	101.0	
26	16.3	18.7	22.8	19.3	51	54	78	61	6.6	290.0	0.25
27	17.1	17.1	17.8	17.3	60	53	70	61	7.7	80.0	
28	18.0	18.6	17.1	17.9	68	61	69	66	8.2	23.0	
29	12.3	15.2	20.5	16.0	49	49	76	58	10.2	373 0	
30	19.9	17.5	18.4	18.6	72	64	72	69	5.8	415.0	
31	16.2	19.2	14.8	16.7	62	81	61	68	0.5	14.0	1.02
	19.18	20 41	20.62	20.07	63.1	58.7	72.6	64.8	8.07	185.52	0.70

Height of Barometer above sea level : 33.7 meters.
„ „ Thermometers above ground :
Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.
Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m.
Time of reading minus 2 hours equal G.C.T
71 year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	6cu	0	10st	5.3	1n	1n	0	light	
2	5cu-st	0	0	1.7	1sw	1w	1w	,,	
3	0	0	0	0.0	1sw	1ne	1ne	,,	
4	0	0	0	0.0	1e	1nw	3ne	slight	
5	0	0	0	0.0	1e	1ne	1ne	light	
6	2ci-st	7ci-st	8ci-st	5.7	3ne	2ne	1ne	slight	
7	10cu-ni	5cu-st	9cu-st	8.0	1sw	1sw	1sw	light	T. a.m
8	0	9st	8st	5.7	1sw	1w	1ne	,,	
9	0	0	0	0.0	3ne	2ne	2ne	,,	
10	9cu-st	4cu-st	9cu-st	7.3	1ne	2nw	1ne	,,	
11	6cu-st	9st	0	5.0	1sw	1nw	1ne	light	
12	0	0	0	0.0	1ne	1n	1ne	,,	H. a.m.
13	0	1ci-st	0	0.3	1sw	1sw	1sw	,,	H., all day
14	0	10ci-st	01ci-st	6.7	1sw	1n	1ne	,,	
15	2ci-st	10ci-st	1ci	4.3	1sw	1sw	1sw	,,	D., a.m.
16	7cu-ci	4ci-st	10st	7.0	1sw	1w	1w	light	
17	9ci-st	6st	0	5.0	1sw	1sw	1sw	,,	
18	0	1cu-st	0	0.3	1w	1nw	1ne	,,	
19	0	0	0	0.0	1e	2ne	2ne	,,	
20	0	8ci	0	2.7	1ne	1n	1ne	,,	
21	1cu-	10ci-st	3st	4.7	1e	1sw	1sw	light	
22	9st	8cu-ci	10ni	9.0	2sw	3sw	1sw	,,	
23	10cu-ni	5cu-st	10cu-st	8.3	1sw	1sw	1sw	,,	
24	4cu-ci	10ci-st	0	4.7	1se	1n	1ne	,,	
25	1cu-st	1cu	0	0.7	1n	1n	1n	,,	
26	10ci-st	10st	9st	9.7	1sw	1e	2n	light	
27	10cu-ni	8cu-st	9st	9.0	1sw	1w	1nw	,,	
28	10ci-st	7ci-st	0	2.7	1se	1n	1n	,,	
29	0	1ci-st	1st	0.7	1se	3n	1ne	slight	
30	1ci-st	10cu-st	4st	5.0	4ne	4nw	1ne	,,	H., a.m.
31	10cu-st	10ni	7st	9.0	1se	1nw	1ne	light	
	mean			4.14					

Abbreviations : G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	2	6	4	4	0	14	1	0	0	31
14:30	8	5	1	0	0	7	4	6	0	31
20:30	3	17	0	0	0	7	2	1	1	31
Total	13	28	5	4	0	28	7	7	1	93

Number of days with rain 4, fog 0, thunderstorms 0, gale. 0
71 yr. av. number of days with rain during month 3.48